

Amendments To Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A secondary battery control unit, comprising:
a liquid detection section for continuously detecting infiltration or generation of a liquid inside a secondary battery or inside a battery pack in which the secondary battery is installed;
and
a control section for interrupting charging/discharging of the secondary battery in a case where a liquid is detected by the liquid detection section,
wherein the liquid detection section controls the control section based on an impedance or resistance value detected between two electrically separated terminals, and wherein an amount of an electrical current flowing through each of the terminals approaches zero, unless the liquid is detected by the liquid detection section.
2. (Original) A secondary battery control circuit according to claim 1 further comprising a temperature detection section for detecting a temperature of the secondary battery, wherein the control section controls charging/discharging of the secondary battery based on the temperature detected by the temperature detection section.
3. (Original) A secondary battery control circuit according to claim 1, wherein the secondary battery control circuit is formed on a single semiconductor chip.
4. (Original) A secondary battery control circuit according to claim 3, wherein the single semiconductor chip is enclosed in a sealing section of the secondary battery.
5. (Currently Amended) A secondary battery control unit ~~according to claim 1~~, comprising:
a liquid detection section for detecting infiltration or generation of a liquid inside a secondary battery or inside a battery pack in which the secondary battery is installed; and
a control section for interrupting charging/discharging of the secondary battery in a case where a liquid is detected by the liquid detection section.

wherein the liquid detection section controls the control section based on an impedance or resistance value detected between two electrically separated terminals, and wherein an amount of an electrical current flowing through each of the terminals approaches zero, unless the liquid is detected by the liquid detection section; and

wherein the electrically separated terminals are separated by a distance of about 0.1 millimeters.

6. (New) A secondary battery control circuit according to claim 1, wherein the liquid detection section includes a comparator having a first input connected to a constant current source and one of the terminals, and a second input connected to a reference voltage source.